

Converting Colors

Hex(000A42)

Have a look what the booklet for
Hex(000A42) contains.

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Color

Hex(000A42)

Conversions

Conversions Part 1

Format	Color
Hex	000A42
RGB	0, 10, 66
RGB Percent	0%, 4%, 26%
CMY	1.0000, 0.9608, 0.7412
CMYK	1.00, 0.85, 0.00, 0.74
HSL	231°, 100%, 13%
HSV	231°, 100%, 26%
XYZ	1.0919, 0.6104, 5.2145
YIQ	13.3940, -23.9360, 15.2960

Conversions

Conversions Part 2

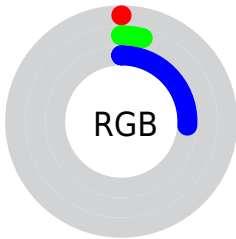
Format	Color
RYB	0, 9, 66
Decimal	2626
CIELab	5.51, 20.09, -35.54
CIELCh	6, 40.821, 299.478
Yxy	0.6104, 0.1579, 0.0883
Android (android.graphics.Color)	4278192706 (0xFF000A42)
YUV	13.3940, 25.9348, -11.7465
Hunter-Lab	7.8130, 11.2736, -34.1021

Details

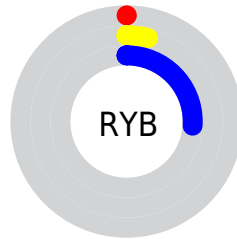
The Hex color **000A42** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **423800**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **393473**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **000A42**, and if you desaturate by 10%, it is **071042**.

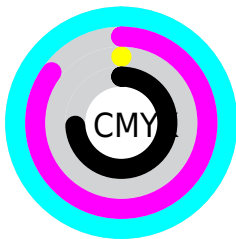
Distribution



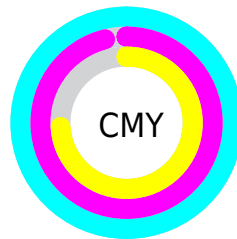
- Red (0%)
- Green (4%)
- Blue (26%)



- Red (0%)
- Yellow (4%)
- Blue (26%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (74%)



- Cyan (100%)
- Magenta (96%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000A42 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 000A42 by changing the saturation by 10% instead.

 000A42

 000A42

 F7E8FF

 00032B

 393473

 000116

 524B8D

 000000

 6C63A7

 867CC3

 A296DF

 BDB1FC

 DACCFE

 000A42

■ 071042

■ 0D1542

■ 141B42

■ 1A2042

■ 212642

■ 282C42

■ 2E3142

■ 353742

■ 3B3C42

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



001749



000A42



30002E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



000A42



2D0200



001C11

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



000A42



423800

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



001C00



000A42



191100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



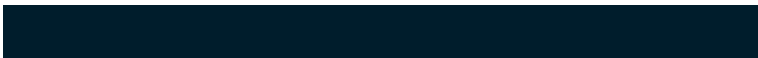
000A42



3A0000



001A00



001D2C

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



000A42



3A001D



001A00



001C01

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



000A42



3D4157



004237



1C1E2B



ABABAB



2B2B2B

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



000A42



000D57



160042



1E1E21



000F61



0022E0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42000A



57000D



2C4200



211E1E



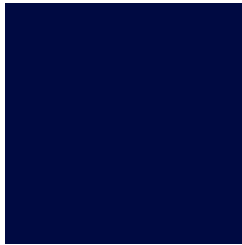
61000F



E00022

Previews

White Background



This preview shows how the Hex color 000A42 looks on a white background.

Color Contrast Check

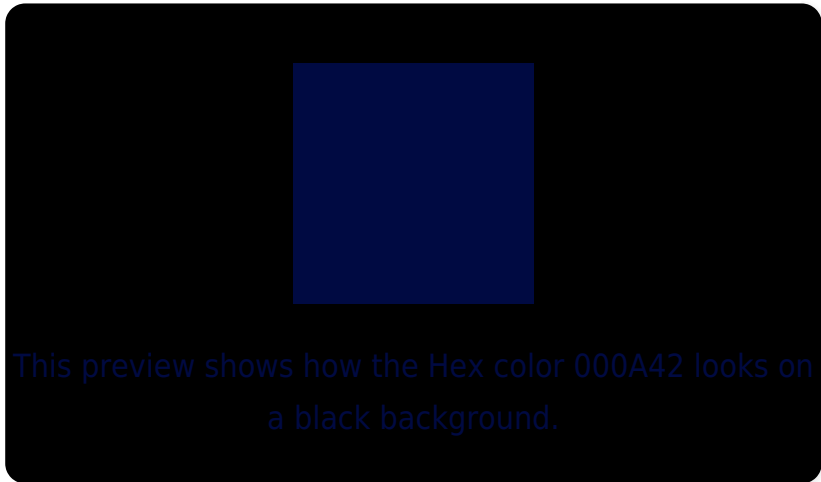
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

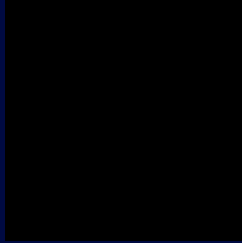
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 000A42 Background



This preview shows how black text looks on a background with the Hex color 000A42.



This preview shows how white text looks on a background with the Hex color 000A42.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

000A42

Protanopia

00152B

Deuteranopia

001625

Trichromacy



Original Color

000A42

Protanomaly

001133

Deuteranomaly

001230

Monochromacy



Original Color

000A42

Achromatopsia

0D0D0D

Achromatomaly

080C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 000A42 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #000A42 looks like.

```
.text, #text, p{  
    color:#000A42  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #000A42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A42
}
```

Border

The CSS property to change the border of an element to Hex 000A42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000A42 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#000A42 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #000A42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A42; -webkit-box-shadow:4px 4px  
4px 4px #000A42; box-shadow:4px 4px 4px  
4px #000A42 }
```

Background

The CSS property to change the background color of an element to Hex 000A42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A42 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#000A42 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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